

Table S1. The position and depth of samples containing *Limacina helicina helicina* f. *pacifica* collected with a 333 µm mesh vertical Bongo net over the vertically integrated depth of 100 m at the investigated stations, along with depth-integrated abundance (ind m⁻²), shell size range (mm), life stage in the fraction of the undersaturated ($\Omega < 1$) water. For dissolution analyses, samples size (N) and the proportion of severe (Type II and Type III) dissolution are provided. [LINK Excel.Sheet.12

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